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Math Test Six

Topic: Arithmetic

Name: _____

**88 Questions to
Test Your
Arithmetic Skills!**

Read this first

From Math Test Five on, you shouldn't stop at the small STOP sign for any sessions while taking the main math tests. You must stop at the big STOP sign at the end of each session. The math test's design is inspired by the NJSLA and the NJGPA.

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Session 1

Today, you will take Session 1 of Dust1218's Math Test Six. You will not be allowed to use a calculator.

Read each question. Then, follow the directions to answer each question. Mark your answers by writing or typing them in the blanks. If you need to change an answer, be sure to erase it completely first, then put your new answer in the question. Do not try to cheat to get the answers. If you get caught, then your test will be invalidated.

Please answer all the questions in the end, even if you do not know the answer to some questions initially. You may review your answers for this session ONLY. Do not go past the big red stop sign.

Directions to Answering Each Question

1. Work the problem to find the answer.
2. Simplify any fractions when possible.
3. If you are typing your answers on this test with a Chromebook, please use the Roboto font size 40.
4. Fill in every blank in the question indicated by the black lines.
5. If you are greeted with a multiple-choice box, choose the best answer in that box.
6. Write the numbers greater than 999 with commas for the thousands, the millions, etc. to receive credit.

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1 First of all, what is $11 \times 15 \times 11 - 6 \times 9 \div 7$?

2 Do $782 \div (-17)$. What's the answer? _____

3 Which number correctly replaces the question marks?
 $165 - 8 = ???$

4 The product of $-33/29$ and $5/39$ is (insert number here).

What number makes the above statement true? _____.

5 The difference of $25/17$ and $8/17$ is what? Simplify.

6 What is $16/11$ take away $9/11$? Simplify your answer if possible.

7 $5^3 - 8 \div 6 \times 9 \times 7 \div 15$
What is the answer to the above expression?

8 $-1/2 \times 34/37 =$ What number?

9 What is $8 \times 12 + 4 \div 13 \div 14 \times 10$ using the correct order of operations?

10 Calculate $6 + 9 - 3 \times 7 \div 12 + 12$.
What's your answer to that math problem?

11 -26 times 10 equals what number? _____

- 12 $10 \times 6^2 + 15 \div 11 \div 5 - 8$
What is the answer to the above math problem?

- 13 What is the answer to $3 \times 8 - 6 + 5 \div 10 \times 5$?

- 14 For this question, you need to do $5/11 + 21/11$. What is the answer?

- 15 The difference of $28/37$ and $8/31$ is what?

- 16 What is $7/10 \div (-17/25)$?

- 17 Answer what $20/29 - 11/29$ is. What is the answer?

- 18 $13/23 - 11/23 = ???$
Find the number that replaces the question marks. What is it?

- 19 Sum $13/7$ and $36/11$ and what do you get? Simplify your answer where possible.

- 20 $15/23$ take away $20/23$ equals what number?

- 21 What single number do you get directly from calculating $5 \times 11 \div 10 + 14 \times 6^2 + 10$?

22 What is the quotient of $15/28$ and $-11/18$?

23 Halfway there with your session!
Now, what is the product of $-13/4$ and $-33/10$?

24 -792 over -12 equals _____.
What number makes the above statement true? Fill in the blank above.

25 What number is 294 less than 748? _____

26 Subtract $27/22$ from $6/7$. What number do you get?

27 Sum 214 and 38 to get what number? _____

28 What is $13/9$ take away $8/27$?

29 Let's do $12 + 8 \div 15 - 9 \times 9 - 9$ for this question. After doing that, what's the number you get?

30 What's $21/29 - 8/33$?

31 Divide $-16/11$ by $-22/13$. What will be the exact number you get?
Simplify if possible.

32 What number do you have after you calculate $1/2 \div (-7/11)$?

- 33 Figure out this problem:

$$23 - ? = 7$$

Which number replaces the question mark above? _____

- 34 What number do you get when you add $\frac{3}{5}$ and $\frac{9}{37}$?

- 35 What is the answer to the below math problem associated with this question?

$$10^2 + 6 \div 6^2 + 11 - 9 \times 10 = \underline{\hspace{2cm}}$$

- 36 What is $\frac{17}{8}$ take away $\frac{7}{8}$?

- 37 Please solve $5 - 12 \times 8 + (15 - 5)^2 + 9 \times 8$ and simplify any fractions.

What's your answer? _____

- 38 Using the correct order of operations, what is $4 + 6 \times 11 \times 13 \div 10 \times 3$?

- 39 Six more math problems and we're done for this session.
Seventy times two hundred sixty-four equals what number?

- 40 Using the order of operations, what is the answer to the expression below?

$$8 \div 9^2 + 12 + 9 \div 13 - 6$$

- 41 Add $\frac{4}{5}$ to $\frac{21}{5}$ to get what number?

- 42 What is $\frac{8}{5} + \frac{6}{5}$?

- 43 The input on a calculator is $-5/12 \times 40/19$. What is the calculator's output?

- 44 This will be the last question for Session 1.
What is $-37/28 \div 16/29$?





You have reached the end of Session 1 of the test.

- Review your answers from Session 1 only.
- If you are taking this test on a computer, save the PDF math test file under a DIFFERENT name:
MathTestSixPersonAnswers.pdf.
- Make sure you have a reminder that Session 2 is coming tomorrow.
- Then, put away your math test and come back tomorrow for Session 2.

Session 2

Today, you will take Session 2 of Dust1218's Math Test Six. You will not be allowed to use a calculator. If you are taking this test on a computer, make sure that you take the session under the file name MathTestSixPersonAnswers.pdf.

Read each question. Then, follow the directions to answer each question. Mark your answers by writing or typing them in the blanks. If you need to change an answer, be sure to erase it completely first, then put your new answer in the question. Do not try to cheat to get the answers. If you get caught, then your test will be invalidated.

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- 45 Halfway mark reached!
What is the answer to $9/7 + 26/7$?

- 46 What is 125 more than 302? _____
- 47 Do $6 - 7 \div 3 - 4 + 6 \div 8$. What number will you get?

- 48 What number correctly completes the equation?
 $8 - 7 + 12 + 12 - 12 \div 11 =$ _____
- 49 What is the product of -298 and -55? _____
- 50 Simplify $72/60$ and what fraction or integer do you get?

- 51 One hundred sixty-five plus two hundred eighty equals what number? _____
- 52 For question 52, what is $-16/11 \div 15/13$?

- 53 What do you get when you add $7/4$ to $27/4$?

- 54 For this question, what's $7 - 11 \div 14 \times (12 + 6) + 7$?

- 55 When you do -483 over -21, what number do you get? _____
- 56 Subtract $37/3$ from $31/34$ to get what number?

- 57 What's the answer to this one?
 $10^2 + 15 \times 15 \times (8 - 14) \times 13 \div 13 =$ _____

- 58 What is the quotient of -3,015 and 45? _____
- 59 Solve for the quotient of $-26/21$ and $-7/8$. What's the number you get if you do?

- 60 $11 - 5^2 + (11 + 12) + 8 - 12 \div 11$
Solve the above math problem. What's your answer? _____
- 61 What number is 2 thousand 450 divided by negative forty-nine?

- 62 What's $15 \div 6 \times (14 + 9) - 12 \times 11$?

- 63 Sum $1/2$ and $31/39$.
Do what the sentence said above. What number do you get after you do that?

- 64 What number will CORRECTLY complete the statement?
The difference of $6/25$ and $18/25$ is _____. (Simplify any fractions if possible)
- 65 What is equal to nine hundred seventy-nine plus ninety-one?

- 66 What is 26 more than 958? _____
- 67 Add $14/39$ and $7/3$, and then simplify your answer if possible. After doing those things, what is the number you have?

- 68 Using the correct order of operations, what is $13 \div 10 - 12 - (12 - 15)^3 - 10 - 14$?

- 69 (We forgot to tell you that you were halfway there with this session but you are now over that)

Solve this:

$$9 + 7^2 + 13 - 11 + 5 \times 11$$

What's the answer to that math problem?

- 70 What is the quotient of 720 and 12? _____

- 71 $27/11 + 13/11 =$ What number? Simplify your answer if possible.

- 72 $-8/7 \div 17/39$

What is the answer to the above math problem?

- 73 For problem 73, what is the answer to $13 - 15 + (12 - 6) + 8 \times 9$?

- 74 The difference of 867 and 34 is what? _____

- 75 Now add $14/5$ to $7/5$. What do you get?

- 76 Sum $25/7$ and $19/7$. What number do you get? Simplify if possible.

- 77 What is $7^2 + 9 \div 5^2 + (6^2) + 11 \div 9 \div 11$?

- 78 Simplify $63/35$. What fraction or whole number do you have when you do?

79 $(14 + 9) \div 8 \times 10 \times 5 \div 7$ equals what?

80 What's $7/23 + 28/23$? Remember to simplify when possible.

81 Just 8 more questions and you're done!
What does -111 times 136 equal to? _____

82 What is the correct answer to $-37/14 \times (-14/3)$?

83 What is seventy-two plus fifty-nine? Please answer. _____

84 What number fills in the blank for the equation below?

$$6 - (7 - 11)^2 + 11 \times 15 \div 8 \div 9 = \underline{\hspace{2cm}}$$

85 What number is the product of -90 and -95? _____

86 Please do $22/21 - 26/21$. What's your answer?

87 This will be the penultimate question of the test.
Sum $23/17$ and $21/34$. What is the number you get?

88 Last question of the test!
What is $(15 + 6) \times 9 \times 15 - 5 \times 5$? Use the correct order of operations and simplify if possible.





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of the test.**

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